

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060922\
 Data File : VU048979.D
 Acq On : 09 Jun 2022 15:07
 Operator : SY/MD
 Sample : N3248-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXYW9

Quant Time: Jun 10 01:03:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 10 01:01:44 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

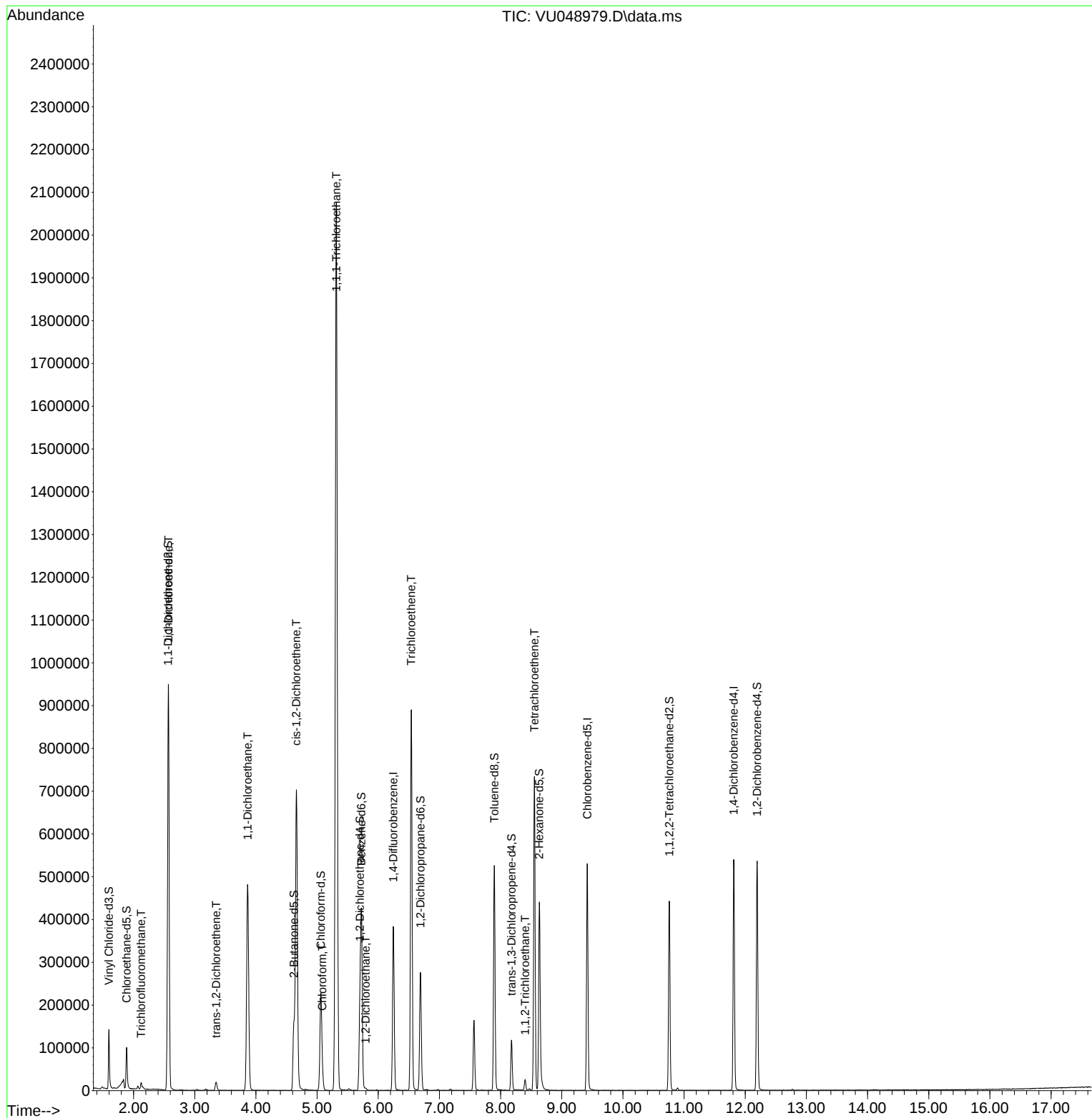
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	313486	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	298210	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	143589	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	103306	53.803	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 107.600%			
7) Chloroethane-d5	1.887	69	75329	52.366	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 104.740%			
11) 1,1-Dichloroethene-d2	2.565	63	297732	68.564	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 137.120%#			
21) 2-Butanone-d5	4.620	46	225395	123.355	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 123.360%			
24) Chloroform-d	5.060	84	210613	43.407	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.820%			
26) 1,2-Dichloroethane-d4	5.700	65	137632	40.207	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 80.420%			
32) Benzene-d6	5.726	84	392362	47.276	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.560%			
36) 1,2-Dichloropropane-d6	6.690	67	133556	54.816	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 109.640%			
41) Toluene-d8	7.899	98	353573	45.292	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.580%			
43) trans-1,3-Dichloroprop...	8.179	79	65322	41.927	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.860%			
47) 2-Hexanone-d5	8.632	63	154701	115.778	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 115.780%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	222443	55.174	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 110.340%			
66) 1,2-Dichlorobenzene-d4	12.195	152	144667	49.284	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.560%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.124	101	9572	2.217	ug/L	96
12) 1,1-Dichloroethene	2.571	96	287426	140.920	ug/L #	81
17) trans-1,2-Dichloroethene	3.350	96	8156	3.708	ug/L	98
19) 1,1-Dichloroethane	3.864	63	563660	139.954	ug/L	99
20) cis-1,2-Dichloroethene	4.661	96	363821	146.651	ug/L	99
25) Chloroform	5.086	83	24466	5.204	ug/L	95
27) 1,2-Dichloroethane	5.793	62	3873	0.960	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	1549946	343.264	ug/L	99
34) Trichloroethene	6.539	95	305281	123.850	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	7052	3.023	ug/L	92
46) Tetrachloroethene	8.552	164	163542	81.307	ug/L	98

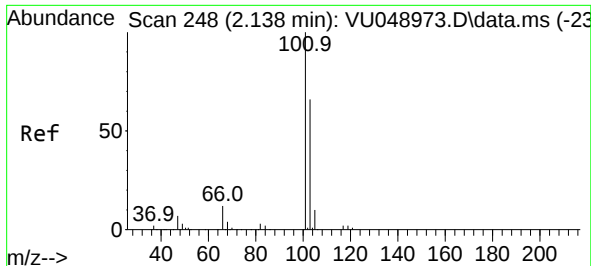
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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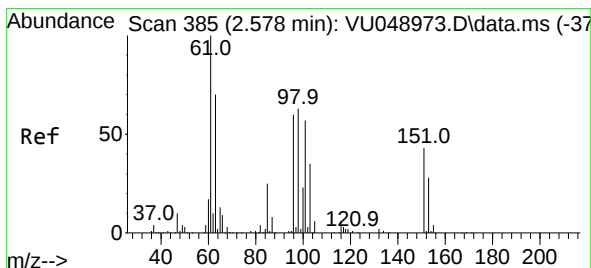
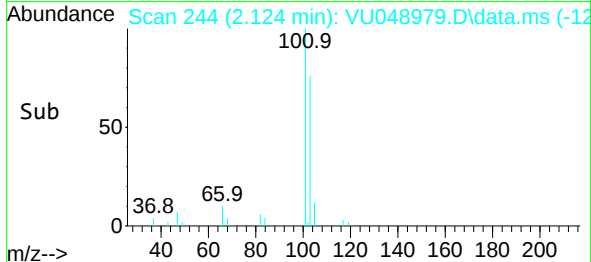
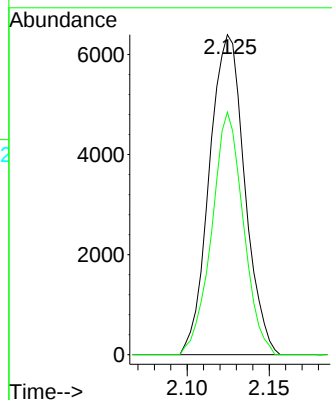
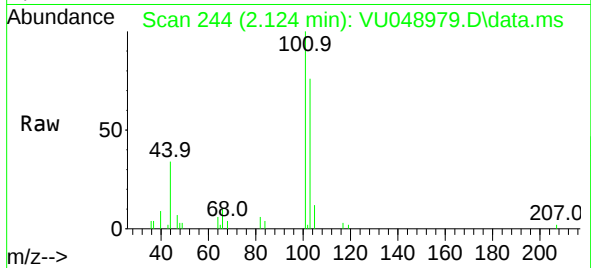




#9
 Trichlorofluoromethane
 Concen: 2.217 ug/L
 RT: 2.124 min Scan# 24
 Delta R.T. -0.013 min
 Lab File: VU048979.D
 Acq: 09 Jun 2022 15:07

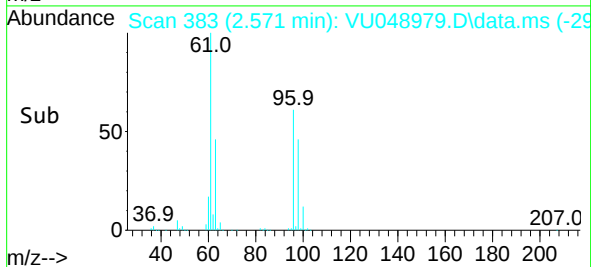
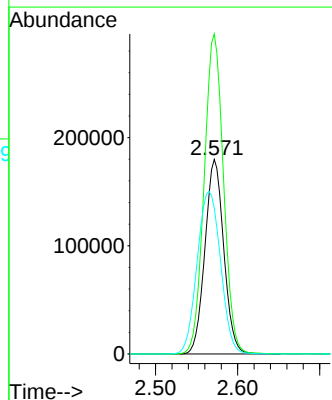
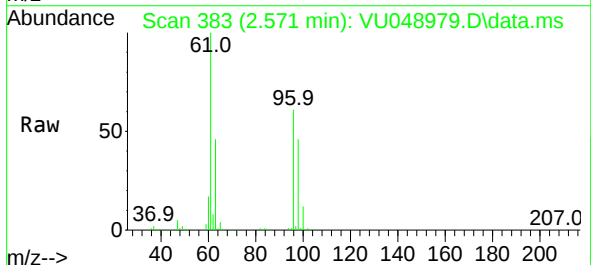
Instrument :
 MSVOA_U
 ClientSampleId :
 EXYW9

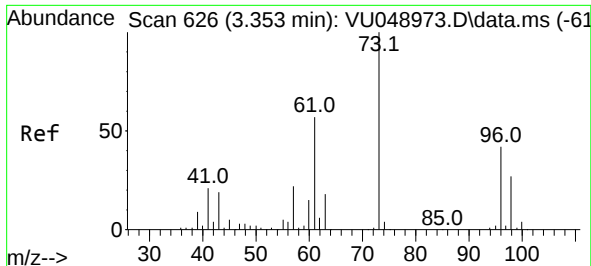
Tgt Ion:101 Resp: 9572
 Ion Ratio Lower Upper
 101 100
 103 67.7 51.6 77.4



#12
 1,1-Dichloroethene
 Concen: 140.920 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.007 min
 Lab File: VU048979.D
 Acq: 09 Jun 2022 15:07

Tgt Ion: 96 Resp: 287426
 Ion Ratio Lower Upper
 96 100
 61 164.5 120.6 224.0
 63 74.9 82.3 152.9#





#17

trans-1,2-Dichloroethene

Concen: 3.708 ug/L

RT: 3.350 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU048979.D

Acq: 09 Jun 2022 15:07

Instrument :

MSVOA_U

ClientSampleId :

EXYW9

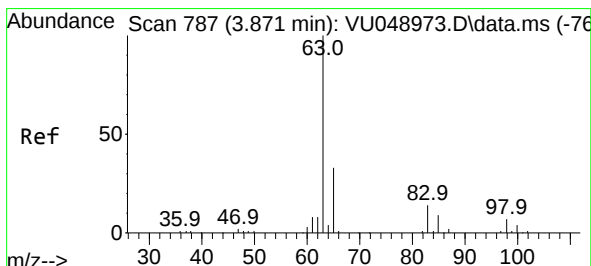
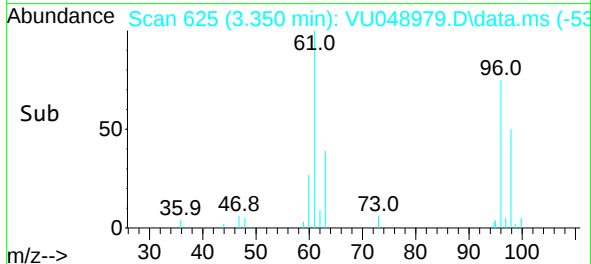
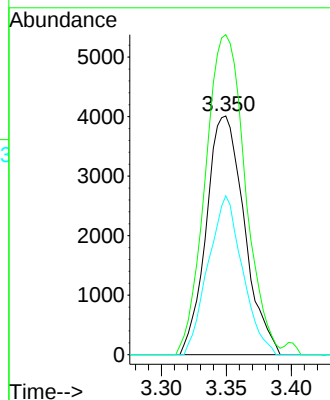
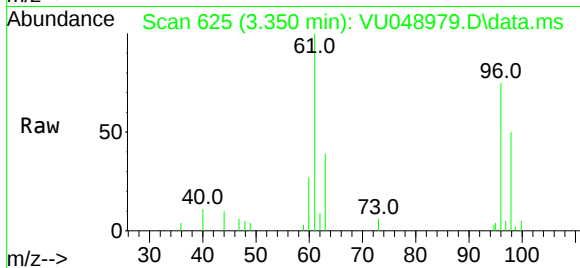
Tgt Ion: 96 Resp: 8156

Ion Ratio Lower Upper

96 100

61 134.1 94.2 175.0

98 69.6 45.1 83.7



#19

1,1-Dichloroethane

Concen: 139.954 ug/L

RT: 3.864 min Scan# 785

Delta R.T. -0.007 min

Lab File: VU048979.D

Acq: 09 Jun 2022 15:07

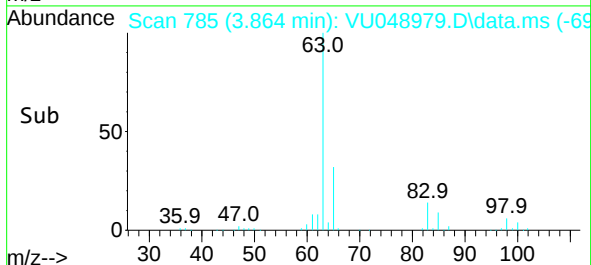
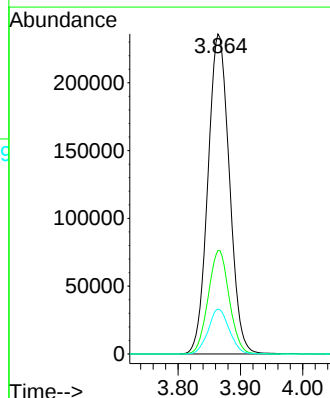
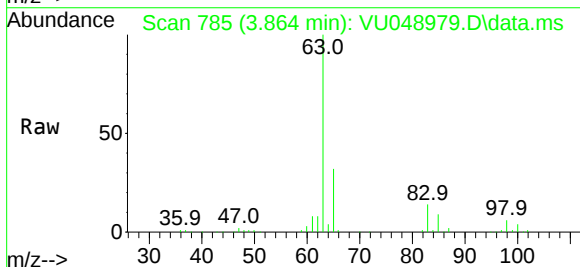
Tgt Ion: 63 Resp: 563660

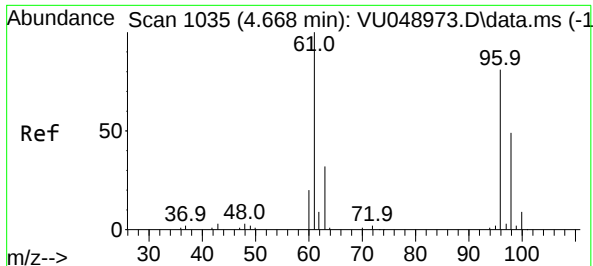
Ion Ratio Lower Upper

63 100

65 32.3 21.8 40.6

83 14.0 9.8 18.2

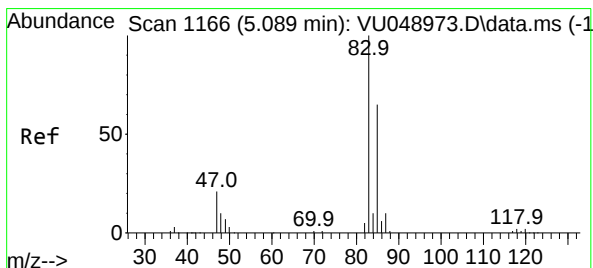
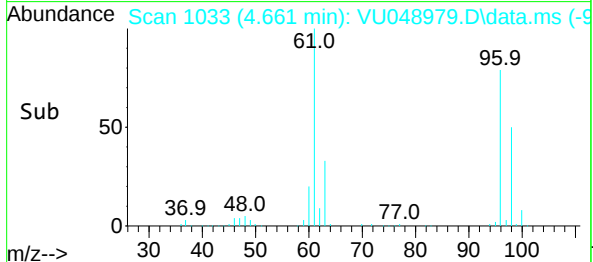
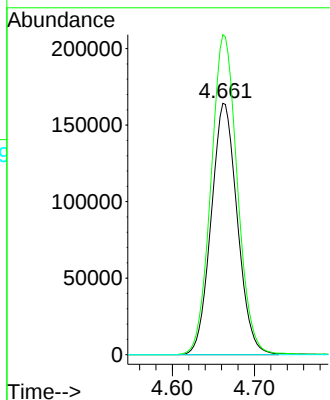
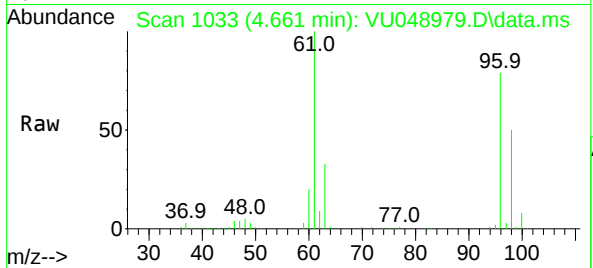




#20
cis-1,2-Dichloroethene
Concen: 146.651 ug/L
RT: 4.661 min Scan# 1165
Delta R.T. -0.007 min
Lab File: VU048979.D
Acq: 09 Jun 2022 15:07

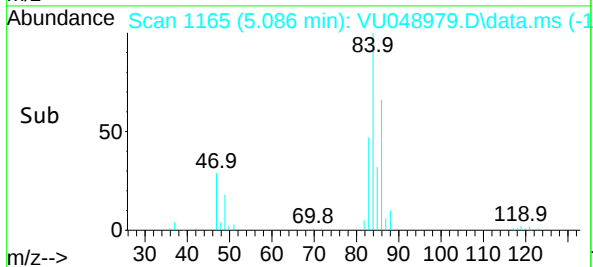
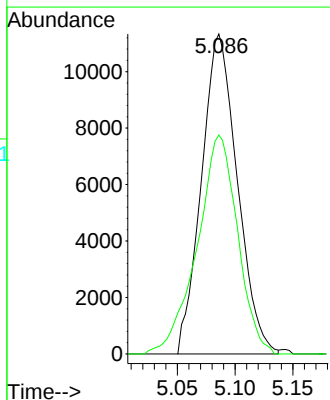
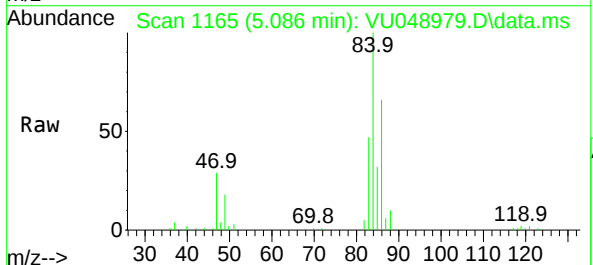
Instrument :
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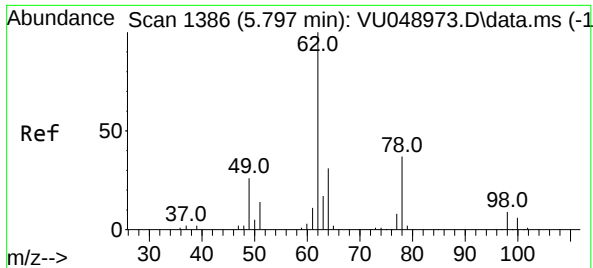
Tgt Ion: 96 Resp: 363821
Ion Ratio Lower Upper
96 100
61 127.3 88.3 164.1
68 0.0 0.0 0.0



#25
Chloroform
Concen: 5.204 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. -0.003 min
Lab File: VU048979.D
Acq: 09 Jun 2022 15:07

Tgt Ion: 83 Resp: 24466
Ion Ratio Lower Upper
83 100
85 68.4 45.1 83.7





#27

1,2-Dichloroethane

Concen: 0.960 ug/L

RT: 5.793 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU048979.D

Acq: 09 Jun 2022 15:07

Instrument :

MSVOA_U

ClientSampleId :

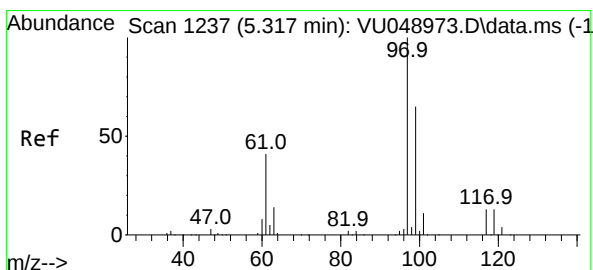
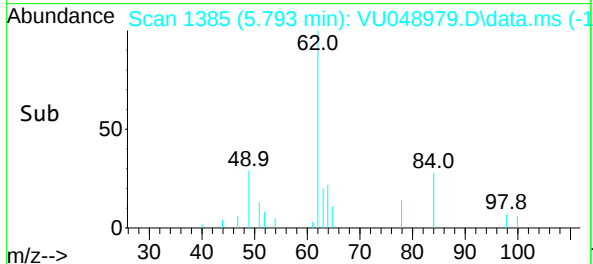
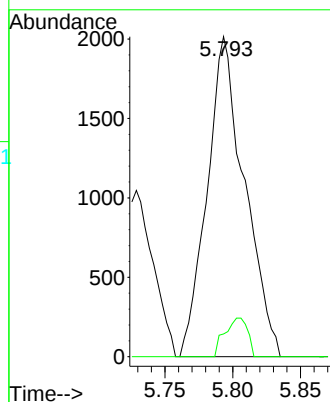
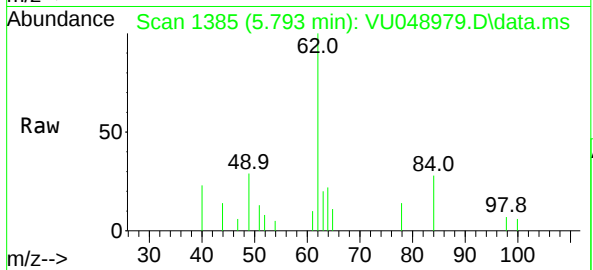
EXYW9

Tgt Ion: 62 Resp: 3873

Ion Ratio Lower Upper

62 100

98 7.1 6.0 9.0



#30

1,1,1-Trichloroethane

Concen: 343.264 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.003 min

Lab File: VU048979.D

Acq: 09 Jun 2022 15:07

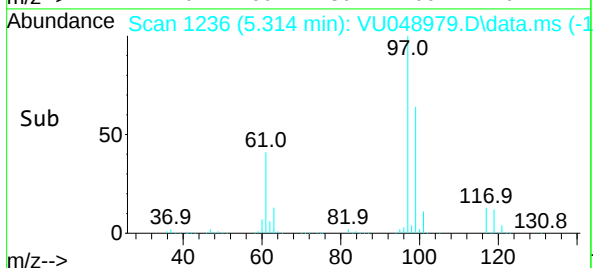
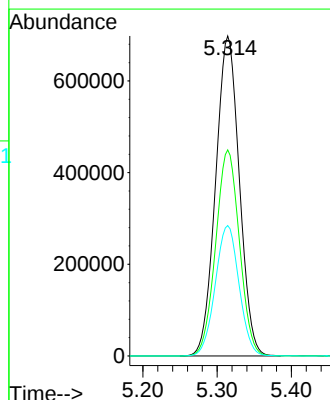
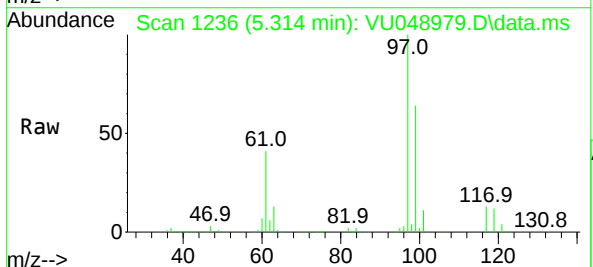
Tgt Ion: 97 Resp: 1549946

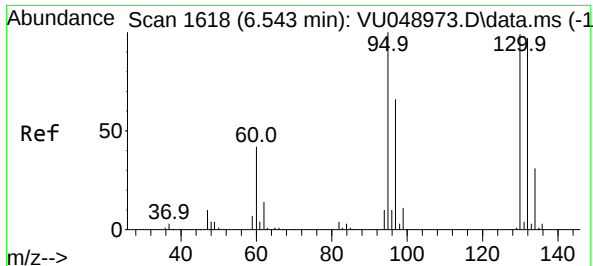
Ion Ratio Lower Upper

97 100

99 64.5 50.3 75.5

61 41.0 32.6 48.8



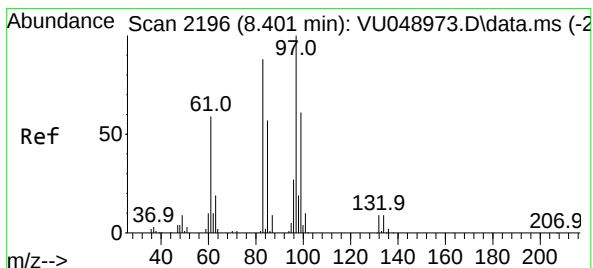
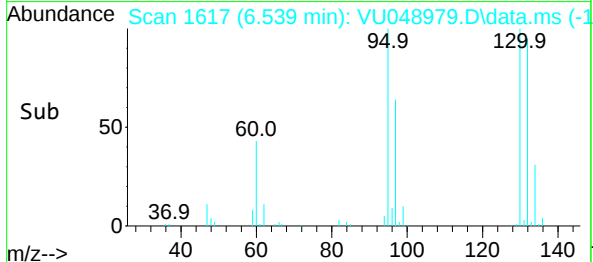
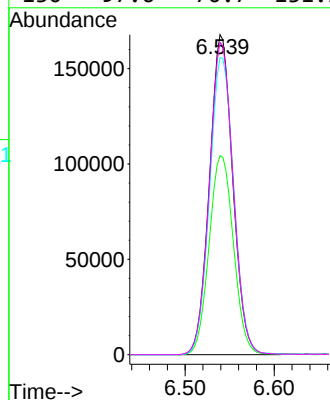
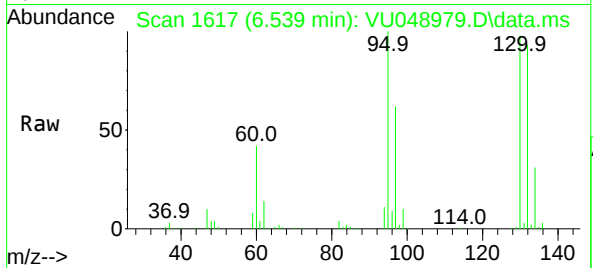


#34
Trichloroethene
Concen: 123.850 ug/L
RT: 6.539 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU048979.D
Acq: 09 Jun 2022 15:07

Instrument :
MSVOA_U
ClientSampleId :
EXYW9

Tgt Ion: 95 Resp: 305281

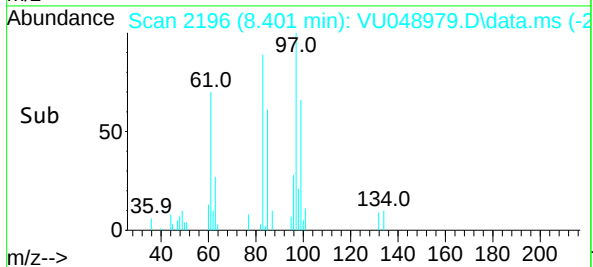
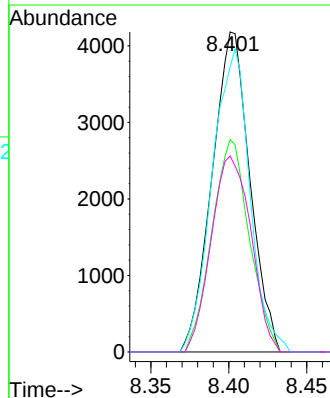
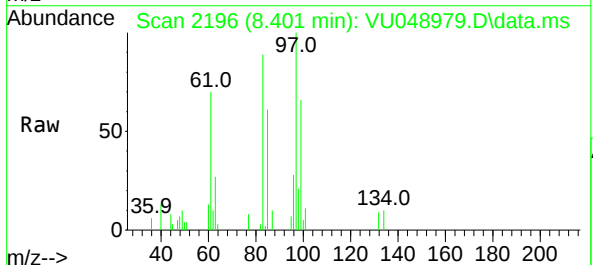
Ion	Ratio	Lower	Upper
95	100		
97	62.2	45.2	84.0
132	92.9	67.3	124.9
130	97.6	70.7	131.3

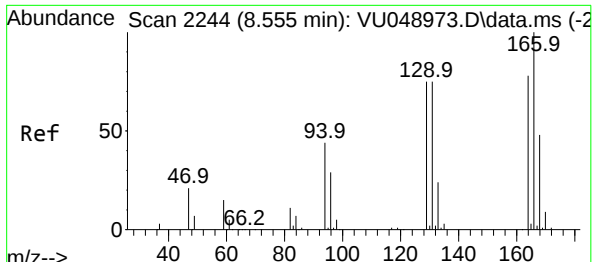


#45
1,1,2-Trichloroethane
Concen: 3.023 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU048979.D
Acq: 09 Jun 2022 15:07

Tgt Ion: 97 Resp: 7052

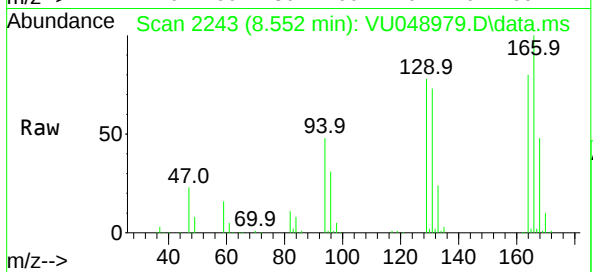
Ion	Ratio	Lower	Upper
97	100		
99	66.4	42.2	78.4
83	89.1	58.4	108.6
85	61.2	38.2	71.0





#46
 Tetrachloroethene
 Concen: 81.307 ug/L
 RT: 8.552 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU048979.D
 Acq: 09 Jun 2022 15:07

Instrument :
 MSVOA_U
 ClientSampleId :
 EXYW9



Tgt Ion:164 Resp: 163542

Ion	Ratio	Lower	Upper
164	100		
129	97.3	64.3	119.3
131	91.2	64.5	119.7
166	125.4	87.5	162.5

